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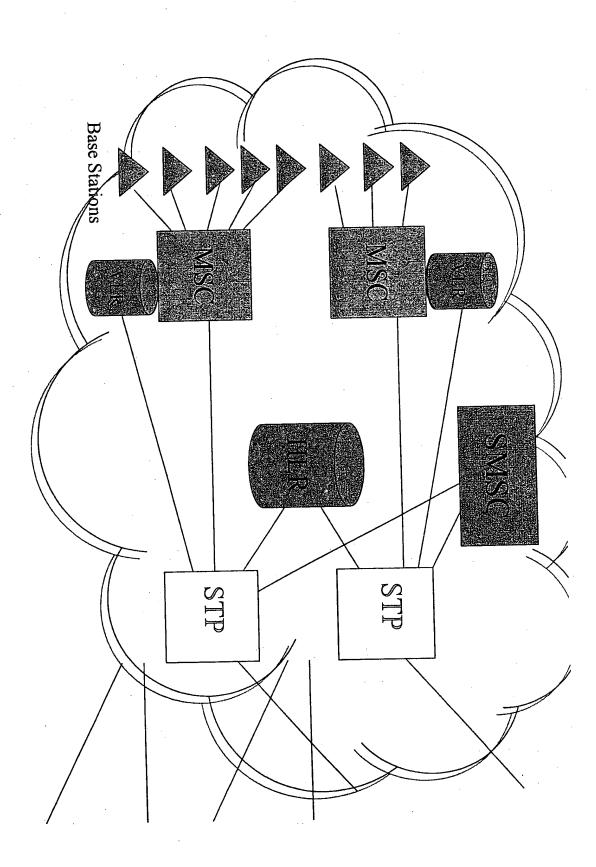
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Inventors: Thomas Schwalb

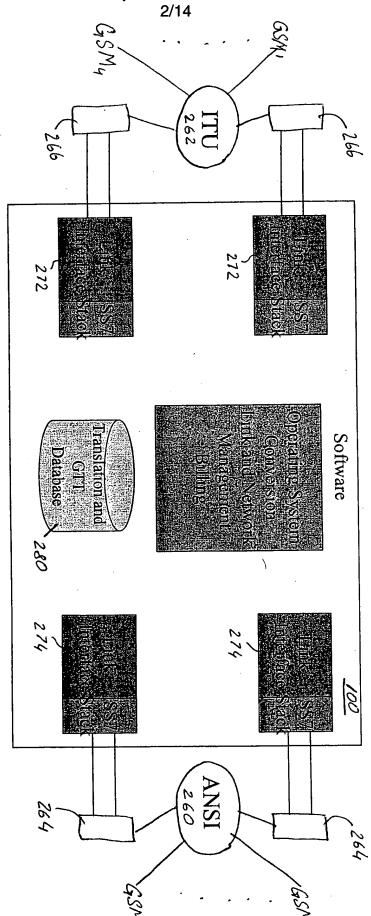
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Atty. Ref.: 014951-0491
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JSM Operator Network Typical Nodes



Inventors: Thomas Schwalb

Serial No.: To be Assigned-Filed: Concurrently Herewith Schulte Roth & Zabel, LLP – Anna Vishev, Esq.
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IRSC Components: Hardware, Firmware, and Software

Inventors: Thomas Schwalb

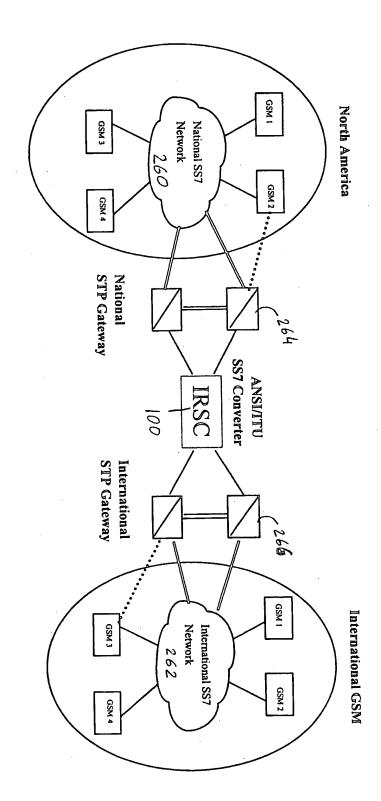
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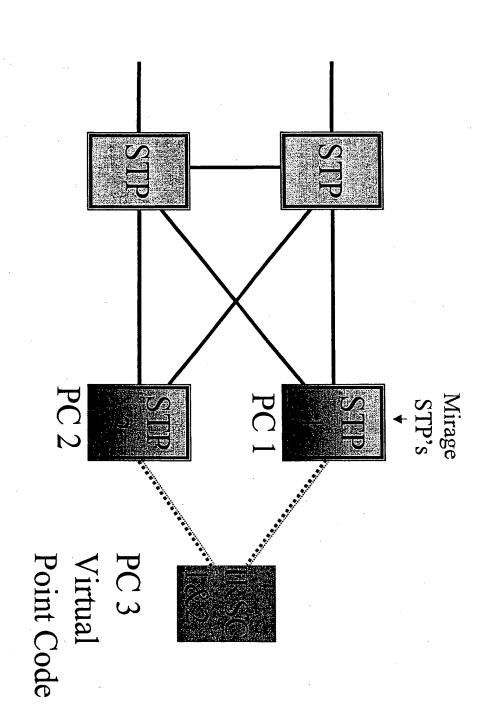
IRSC Preferred Network Configuration



Inventors: Thomas Schwalb

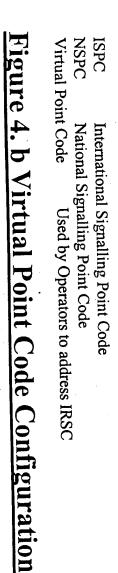
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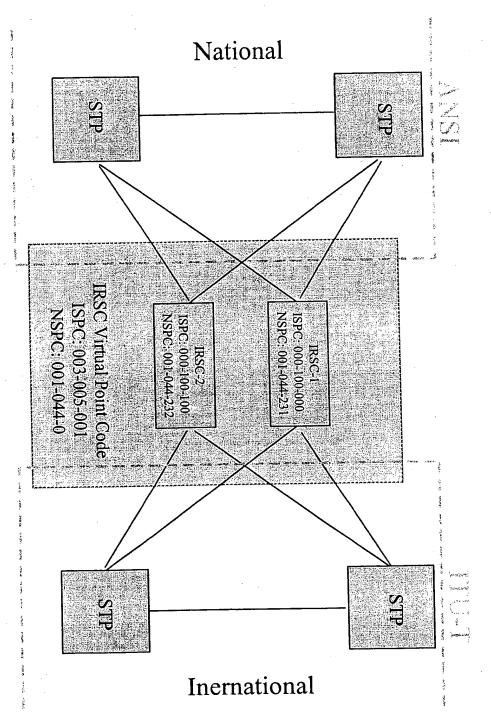




Inventors: Thomas Schwalb

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Inventors: Thomas Schwalb

Serial No.: To be Assigned– Filed: Concurrently Herewith Schulte Roth & Zabel, LLP – Anna Vishev, Esq.

Atty. Ref.: 014951-0491

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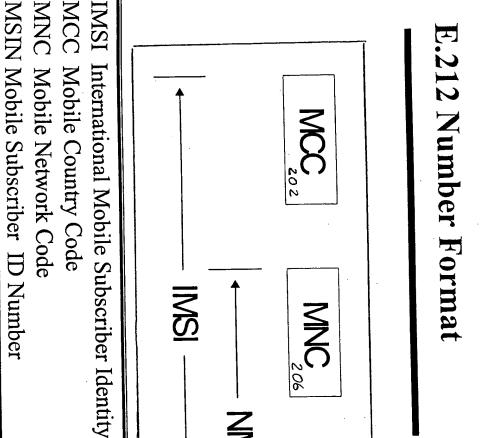


Fig 5a IMSI

Inventors: Thomas Schwalb

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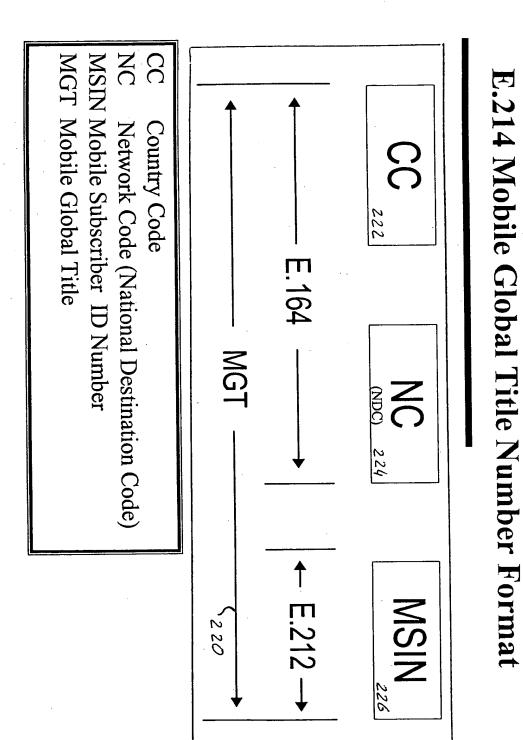


Fig 5b MG7

Inventors: Thomas Schwalb

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E.164 Number Format

Subscriber Number

NDC National Destination Code (can be Area Code)

Inventors: Thomas Schwalb

Serial No.: To be Assigned–Filed: Concurrently Herewith Schulte Roth & Zabel, LLP – Anna Vishev, Esq.

Atty. Ref.: 014951-0491

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		2		_	Ref
The second secon		E164		E214	Incoming number Plan Format
		44385		191790	Ref Incoming number screening digits Outgoing Even digits Plan (key) number digits, Indica replace for incoming
		E164		E212	Outgoing number plan
		44385		310160	Outgoing digits; replace incoming
		0			
		GIT		GIT	outgoin g type
		Intl		Natl	NOA outgoing called party
		Intl		Natl	NOA outgoing calling party
		2-69-1		211-255-	Primary DPC
	·	2-70-1	250	211-255-	a Salah 200 Salah , erge, i ili Gelarah 🕾 🕻
		GSM 2		GSM 1	carrier

Hig. 6. Comverter Database

Inventors: Thomas Schwalb

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国								
ig			2	-			i. ijara	Ref
Fig. 7 Global Title Translation and Point			E164	<u> 1</u> 214 -	Format	Plan	number	Ref Incoming
obal			44385	191790		(key)	digits	screening
Title	1	100 145	E164	E212	plan	number		Outgoing
Trai			44385	310160	replace incoming	digits, Indic type		Outgoing
nsl			0		ator	Indic	Even	Odd/
ation			GIT	GIT		type	Even routing outgoing outgoing	screening Outgoing Outgoing Odd/ Outgoing
and			Intl	Natl	party	called calling	outgoing	NOA NOA
Poir			Intl	Natl	party	calling	outgoing	NOA
			2-69-1	211-255-255				Primary
Code Generati			2-70-1	211-255-250			DPC carrier	Secondary name of
erati			GSM 2	GSM 1			саптег	name of

Title: CONNECTING TELEPHONE CALLS OVER TWO DISPARATE NETWORKS Inventors: Thomas Schwalb

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Atty. Ref.: 014951-0491 11/14

Translation Type	0	0
Numbering Plan	0111 (E.214)	0001 (E.164)
Encoding Scheme	BCD Odd/Even	BCD Odd/Even
Nature Of Address Indicator	International	International
Address Information	GT Address Value	GT Address Value

Inventors: Thomas Schwalb

Serial No.: To be Assigned-Filed: Concurrently Herewith

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** Note that there is no Odd/Even indicator

Translation Type	9 (E.212)	10 (E.164)
Address Information	GT Address Value (BCD) **	GT Address Value (BCD) **

Inventors: Thomas Schwalb

Serial No.: To be Assigned-Filed: Concurrently Herewith Schulte Roth & Zabel, LLP - Anna Vishev, Esq.

Atty. Ref.: 014951-0491

	Fig
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	Originating Terminating Screen Network Network Result
	Screen Result
1	j L
	n Primary Secondary t Point code Point Code

Inventors: Thomas Schwalb

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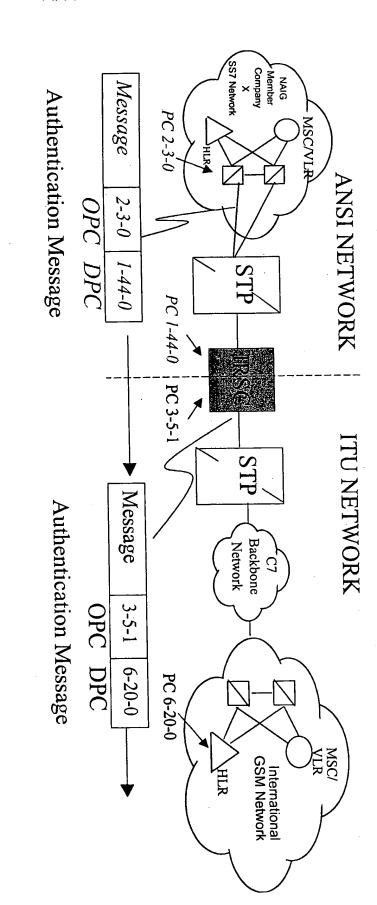


Fig. 11 Routing Example

OPC DPC DPC

Originating Point Code (ITU)

NOTES

Originating Point Code (ANSI)

Destination Point Code (ITU)

same, unique Virtual Point Code

All Roaming messages to IRSC use the

Destination Point Code (ANSI)